

APPENDIX 1

CLEAN COPY OF AMENDED PARAGRAPHS

The paragraph on page 1, lines 7-12, now reads as follows:

The present invention relates to an optical waveguide module, and more particularly to an optical waveguide module which has a semiconductor laser (laser diode), an optical waveguide that transmits a light signal from the laser diode to an optical fiber, and a photodiode that receives a light signal from the optical fiber via an optical waveguide.

The paragraph bridging pages 5 and 6 of the application, beginning at page 5, line 13 and ending on page 6, at line 5, now reads as follows:

In the present module, a waveguide substrate 2 is provided on a main substrate 1, and waveguide cores 3a and 3b, which serve as optical waveguides, are formed as V shapes in the waveguide substrate 1. On one end face of the waveguide substrate 2 a laser diode 4 is mounted, with its light axis oriented in the axial direction of the waveguide core 3a. Furthermore, on one end face of the waveguide substrate 2 is disposed an optical fiber 5, which guides a light signal from the outside to the waveguide core 3b and which also transmits laser light from the waveguide core 3a to the outside. The optical fiber 5 is disposed within a groove (not shown in the drawing) formed on the waveguide substrate 2. On the other end face of the waveguide substrate 2 is an optical filter 6, which is in intimate contact with the waveguide cores 3a and 3b and which serves as a polarizing element. A light-receiving photodiode element 7 is provided opposite the optical filter 6 from the waveguide. The light-receiving photodiode element 7 is fixed to a holder 8 that is mounted upright on the main substrate 1. On the rear surface of the laser diode element 4 is disposed a monitoring photodiode element 9. The monitoring photodiode element 9 is fixed in the holder 10 mounted upright on the main substrate

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The paragraph bridging pages 7 and 8, beginning at page 7, line 29 and ending on page 8, at line 4 now reads as follows:

Of the laser diode light from the laser diode element 4, laser diode light 4a that does not strike the waveguide core 3a passes through the transparent resin 11 and attempts to leak in the direction of the signal-receiving photodiode element 7, but is blocked by the light-blocking resin 12.

The paragraph on page 9, at lines 14-24 now reads as follows:

The rear light of the laser diode element 4 also propagates within the transparent resin 11 and strikes the monitoring photodiode element 9. When this occurs, light that does not strike the monitoring photodiode element 9 and light that is reflected at the light-receiving surface of the monitoring photodiode element 9 propagates within the transparent resin 11 and reaches the light-blocking resin 12, whereupon it is either absorbed or reflected by the light-blocking resin 12, so that it is not released outside the light-blocking resin 12.